



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1
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1620 I Street, NW
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Washington, DC 20006

**Re: Taunton WWTP Draft Permit, NPDES No. MA0100897
Administrative Record Excerpt**

Dear Ms. Sedlacek:

Thank you for your inquiry regarding the Taunton WWTP Administrative Record. As we discussed, since you are not locally available to come to our offices to inspect the Administrative Record I have attempted to pull out the materials that are of interest to you. From our discussion my understanding is that you are interested specifically in the nutrients analysis for the Draft Permit, and are interested in all reports and data in the record concerning nutrients in the Taunton River watershed/Mount Hope Bay. You have asked that this include general EPA and other guidance material related to nutrients as well as material specifically concerning the Taunton River watershed and Mount Hope Bay.

Also as we discussed, a fair amount of material in the Administrative Record is publicly available online. For those materials I have provided a list with links where those materials can be accessed. For materials not available on-line, I have provided copies on the enclosed CD. These are in PDF format except for files provided to EPA by third parties in other formats (e.g. TRWA monitoring data provided by Veolia Water).

Please note that these materials have been culled from the full Administrative Record as a courtesy to assist you and do not represent the full Administrative Record. Also, the Administrative Record does not close until a Final Permit is issued so that additional materials may be added up to that point.

If you have any questions please feel free to contact me at 617-918-1534.

Sincerely,

A handwritten signature in cursive script that reads "Susan Murphy".

Susan Murphy, Permit Writer
Water Permits Branch
Office of Ecosystem Protection

Enc.

Toll Free • 1-888-372-7341

Internet Address (URL) • <http://www.epa.gov/region1>

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Taunton WWTP Draft Permit, NPDES No. MA0100897
Excerpt from Administrative Record – nutrients studies, data and guidance
May 21, 2013

Documents not available on-line provided on CD.

Documents available publicly through on-line sources - listed below with web-links:

Draft Permit documents from 2013 and 2007 –

<http://www.epa.gov/region1/npdes/permits/finalma0100897permit.pdf>

<http://www.epa.gov/region1/npdes/permits/draft/2007/draftma0100897permit.pdf>

Current Permit documents (2001) -

<http://www.epa.gov/region1/npdes/permits/finalma0100897permit.pdf>

EPA guidance materials:

Criteria Development guidance for nutrients -

<http://www2.epa.gov/nutrient-policy-data/criteria-development-guidance>

Technical Guidance Manual for Performing Waste Load Allocations: Book 3,

Estuaries - http://water.epa.gov/scitech/datait/models/library_index.cfm

Fact Sheets - <http://water.epa.gov/type/oceb/fact5.cfm>

Gold Book (phosphorus) -

http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/upload/2009_01_13_criteria_goldbook.pdf

NOAA Documents:

<http://ian.umces.edu/nea/resources.php>

MassDEP Nitrogen:

Critical Indicators Report – <http://www.mass.gov/dep/water/resources/nitroest.pdf>

Nitrogen TMDLs – <http://www.oceanscience.net/estuaries/reports.htm>;

<http://www.mass.gov/eea/agencies/massdep/water/watersheds/total-maximum-daily-loads-tmdl.html>

303(d) lists:

Mass - <http://www.mass.gov/dep/water/resources/10list6.pdf>

RI - <http://www.dem.ri.gov/pubs/303d/>

Taunton River/Mount Hope Bay studies:

SPARROW New England - <http://nh.water.usgs.gov/projects/sparrow/>;

<http://pubs.usgs.gov/sir/2004/5012/>

MA Water Quality Assessment Reports, Taunton River Watershed and Narragansett/Mount Hope Bay -

<http://www.mass.gov/eea/agencies/massdep/water/watersheds/water-quality-assessment-reports.html>

USGS/MassDEP - http://pubs.usgs.gov/sir/2012/5277/pdf/sir2012-5277_report_508.pdf

Narragansett Bay Sustainability Pilot - <http://www.epa.gov/research/docs/nbsp-phase-I-report.pdf>; www.epa.gov/research/docs/nbsp-phase-I-report-appendices.pdf

[Not specifically related to nutrients:

Taunton River Five Year Action Plan (and other links) -

<http://www.horsleywitten.com/tauntonwatershed/TauntonRiver-WS-pubs.html?refreshed>

Taunton River Wild and Scenic Study - [National Park Service weblink does not work, contact EPA for copy]

Taunton River Stewardship Plan -

<http://www.tauntonriver.org/stewardshipplan.htm>

Upper Taunton River Regional Wastewater Evaluation Project -

<http://www.tauntonriverwastewater.org/>

Narragansett Bay eelgrass

<http://www.edc.uri.edu/restoration/images/maps/historiceelgrass.pdf>

Reports from other States:

NHDES Great Bay nutrient criteria and load reduction analyses -

<http://www.des.state.nh.us/organization/divisions/water/wmb/coastal/great-bay-estuary.htm>

RIDEM Providence and Seekonk River nitrogen documents -

<http://www.dem.ri.gov/pubs/index.htm> (Water Quality tab);

http://www.epa.gov/region1/npdes/permits_listing_ri.html (for permit documents)

Other resources:

LOADEST - <http://water.usgs.gov/software/loadest/>

Water Quality Monitoring Data (Mount Hope Bay):

http://www.narrbay.org/d_projects/buoy/buoydata.htm

www.dem.ri.gov/bart

Streamflow Data: <http://waterdata.usgs.gov/nwis/sw>

Effluent Data: <http://www.epa-echo.gov/echo/>